

# Q-SWITCHED LASER

Walter K. Nahm, M.D., Ph.D.



before

after

## The Q-switched laser for the removal of brown spots and lentigos...

Almost everyone has a pigmented lesion of some type. These areas of the skin contain especially high concentrations of melanin and are typically caused by an excess of pigment commonly due to sun exposure, aging or congenital factors. The Q-switched laser can safely and effectively remove a variety of

these unwanted lesions. A topical numbing cream can be applied prior to the procedure to minimize any discomfort, with the procedure taking 30 minutes or less. After the procedure the treated areas may appear darker, and gradually fade over the course of the month.

### *Ideal for tattoo removal .....*

Laser treatments can be highly effective in the removal of tattoos. There are several factors that can affect the success of the laser tattoo removal, including

age of the tattoo, ink color, whether or not the tattoo was done professionally, patient's skin type, and depth of tattoo.

The Q-switched laser works by producing an intense beam of bright light that travels in one direction. The laser beam remove tattoos and go

deeper into skin tissue, as needed. For tattoo removal, the laser beam targets the tattoo pigment in the skin and mechanically breaks it down. The body then naturally removes the pigment and the tattoo fades. Discomfort is minimized by the use of topical numbing agents or a local anesthesia. A topical ointment such as

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**before**



**after**